Build Interest in a Specific Discipline - Technology

Technology Summer Camp

Rutgers, The State University of New Jersey - Newark

NJ Higher Education Sector: Public Research University

Year Began: 1999   Participants Served: 45

CONTACT INFORMATION

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DESCRIPTION

The objective of the Technology Summer Camp is to expose students to technology as a way to continue education throughout the summer. This program is developed by the East Newark School and CIMIC. Students get a unique chance to acquire computer skills via real world problem and solving techniques. We give students environmental science issues not only to make students aware of the environmental issues, but also to learn to assess the impacts of environmental problems and to learn how to address these challenges using data and data presentation skills via the use of computers. This camp focuses on the underprivileged kids from the Newark community. This high-technology summer camp provided students with PDAs, handheld GPS and digital cameras and sent them out to study the community around Newark. Using the electronic equipment, they created digital maps of the area, and recommend changes that would revitalize the community. Each camp was divided into three 10-day learning modules, including video production, digital mapping/GIS, and computer literacy/graphics. The digital mapping/Geographical Information System (GIS), mobile technologies and the Web design development/graphics components were done at Rutgers-Newark and the other components, such as video production and computer literacy, took place at the Urban League family technology center in Newark. During the upcoming school year, the students will use their plans to lead community projects based on their research.

CIMIC is part of the GeoSpatial Information and Technology Association (GITA) New York-New Jersey Chapter. Together with GITA, CIMIC organizes a GeoSpatial Symposium. This symposium provides an opportunity for both the students and professional community to discover and share the latest developments in the Geospatial industry.